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**Reversible-flow conduit system****Publication number:** JP2002540405T**Publication date:** 2002-11-26**Inventor:****Applicant:****Classification:****- International:** G01N33/543; G01N35/08; G01N35/10; G01N33/543;  
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Systems and methods for reversibly and controllably flowing a first and second fluid adjacent to one or more discrete sensing surfaces of a biosensor are disclosed herein. The systems utilize a flow-cell conduit adapted to flow the first and second fluids in either a first or second flow direction and in a manner such that the first and second fluids separately contact the one or more discrete sensing surfaces of the biosensor. The flow-cell conduit is operatively connected to both a two-fluid conduit and a single-fluid conduit via a valveless juncture. The system also comprises a selector valve for reversing the flow direction of the fluid within the flow-cell conduit.

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